

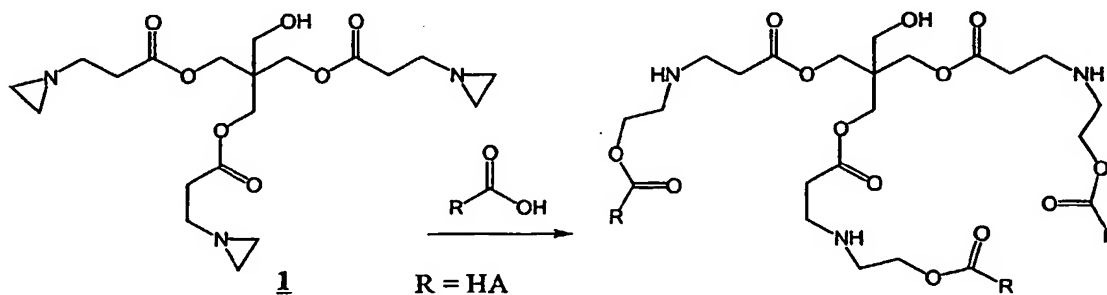
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(54) Title: **CROSS-LINKED HYALURONATE COMPOUNDS****Cross-linking Reaction between HA and XAMA-7.**

(57) ~~Abstract:~~ There is disclosed a cross-linked hyaluronate compound obtained by reacting a sodium hyaluronate compound with a polyfunctional aziridine compound as a cross-linking agent. The polyfunctional aziridine was added to hyaluronan of various molecular weights in an equivalent ratio of HA/AZ of 1:1 to 1:10, preferably, 1:3 to 1:10, more preferably, 1:3 to 1:5; most preferably 1:4 to 1:5. The polymeric hydrogel compounds obtained are useful to prevent the formation of post-operative adhesions, designing tissue engineering applications, and the like.